

20220 "G" SIGN

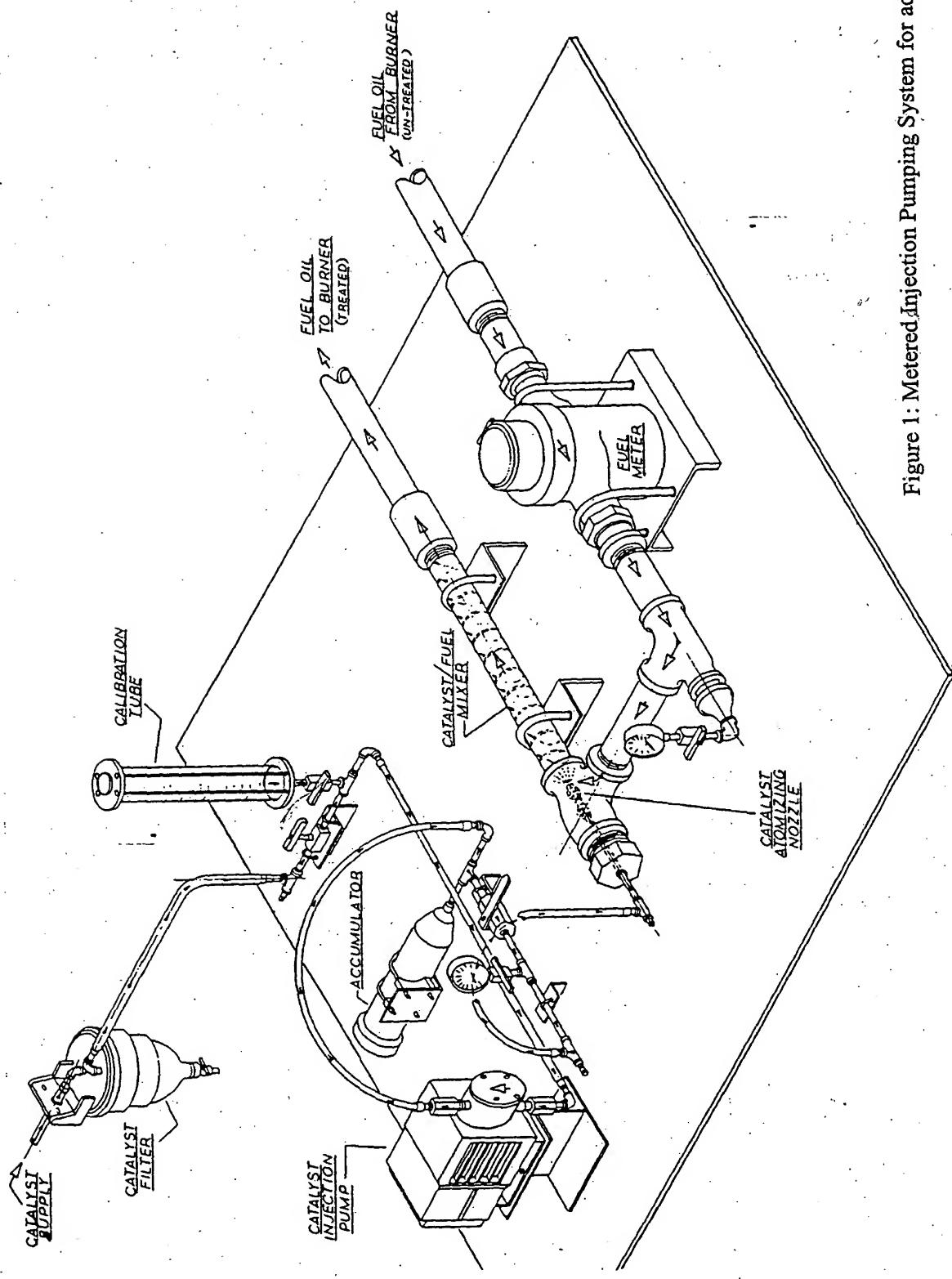


Figure 1: Metered Injection Pumping System for additzing resid fuels

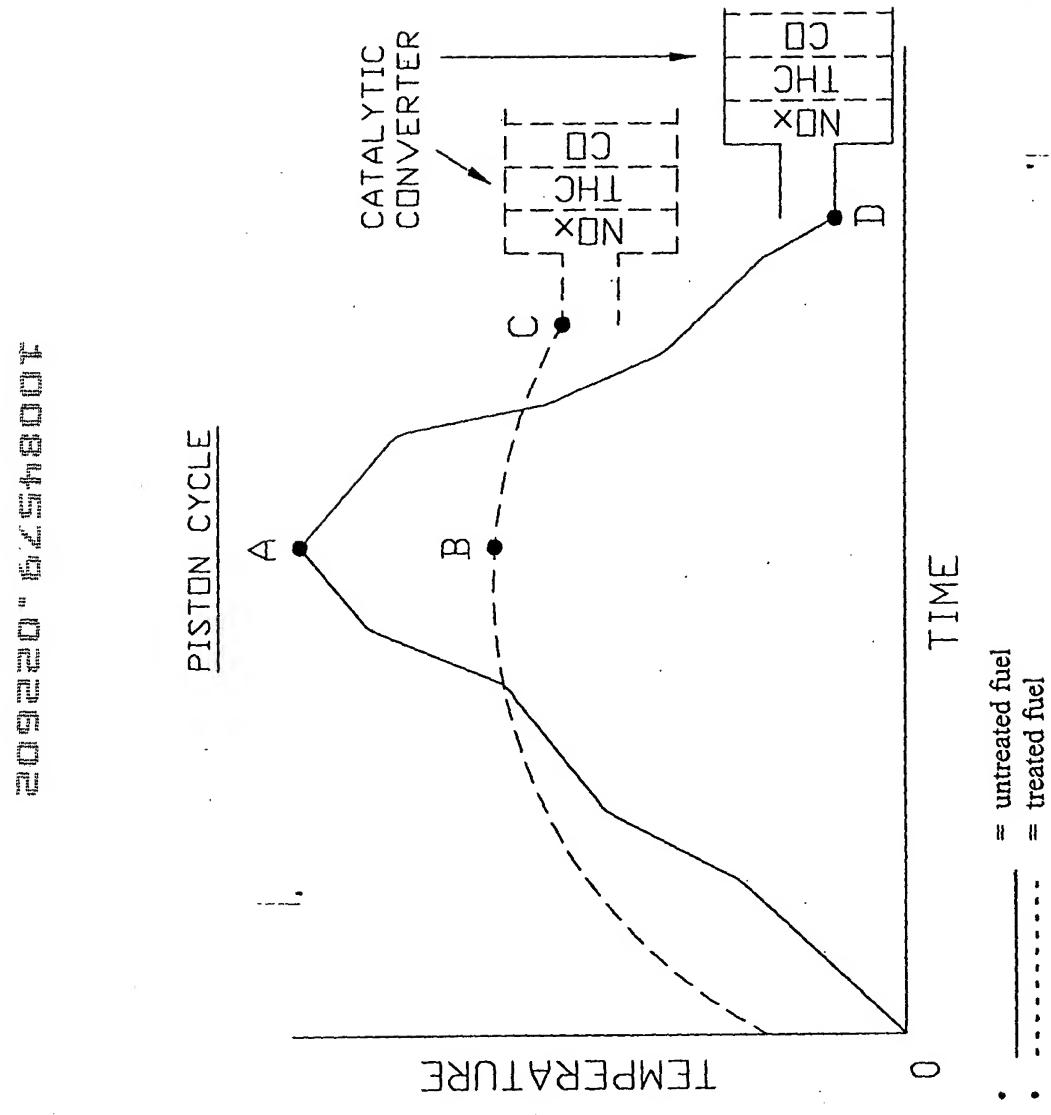


Figure 2: Hypothetical temperature versus time curve for the piston cycle of a gasoline-powered engine operating on untreated fuel and fuel treated with the OR-1 additive

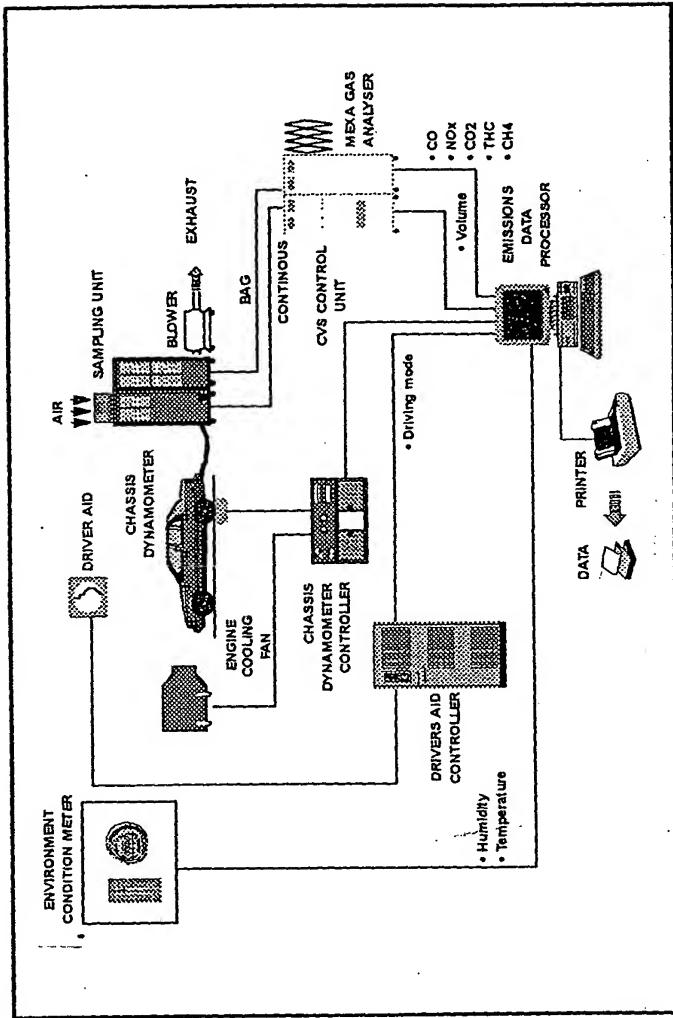


Figure 3: Schematic illustrating the layout of the Vehicle Emissions Testing Laboratory located in Section 27, Selangor Darul Ehsan, Shah Alam, Malaysia

## 20220 "Emissions Test Cycle

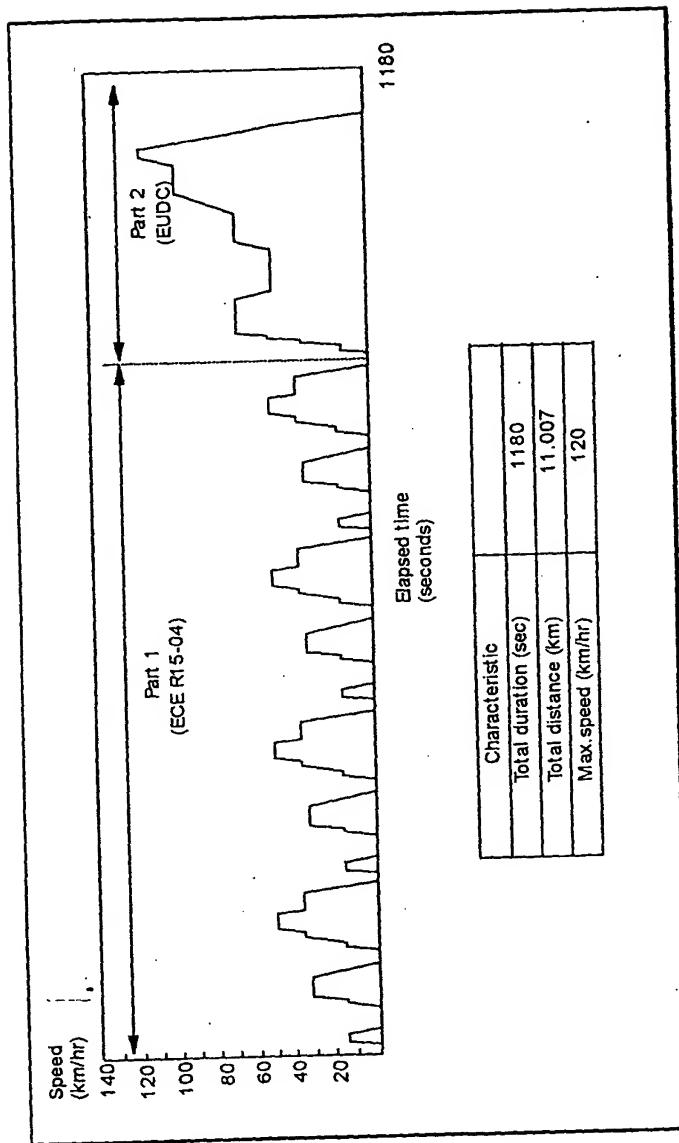


Figure 4: Diagram illustrating the European Emissions Standard ECE R15-04 plus EUDC Emissions Test Cycle

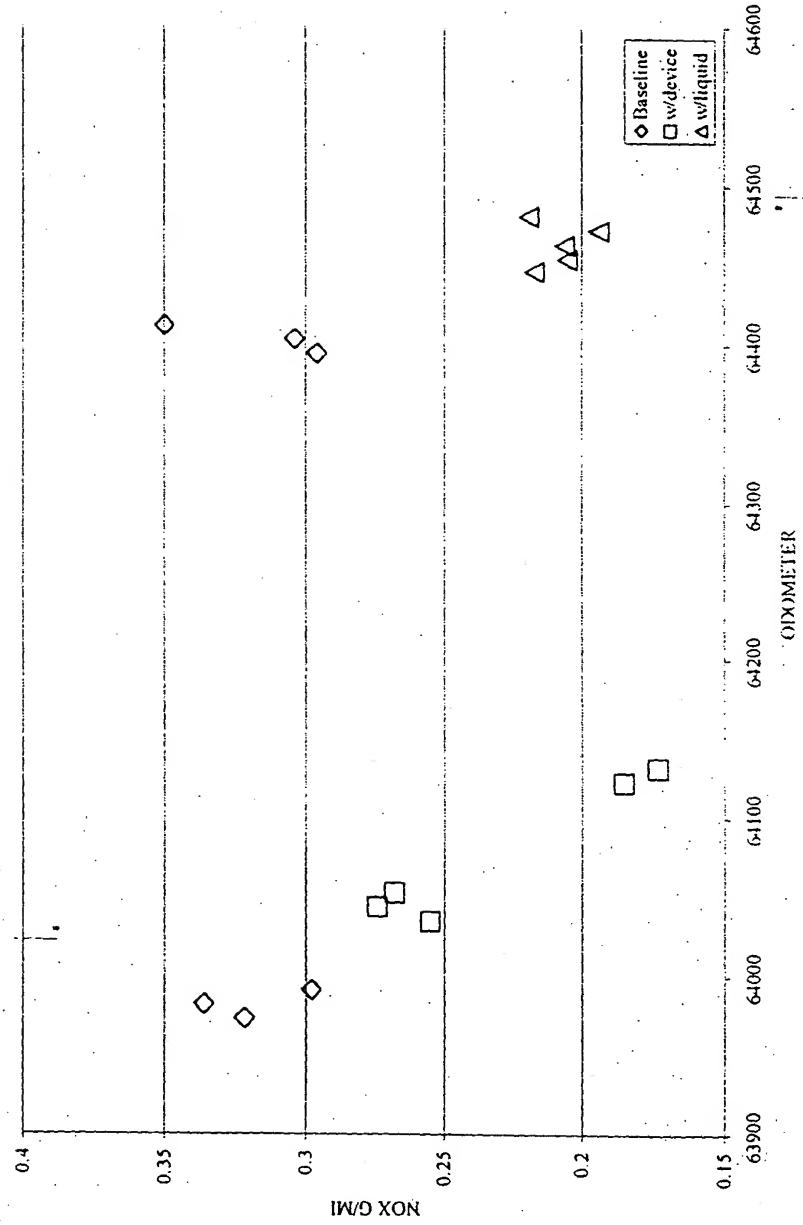


Figure 5: NO<sub>x</sub> emissions as a function of odometer miles for a Ford Taurus

209220 " 6/24/90 CO

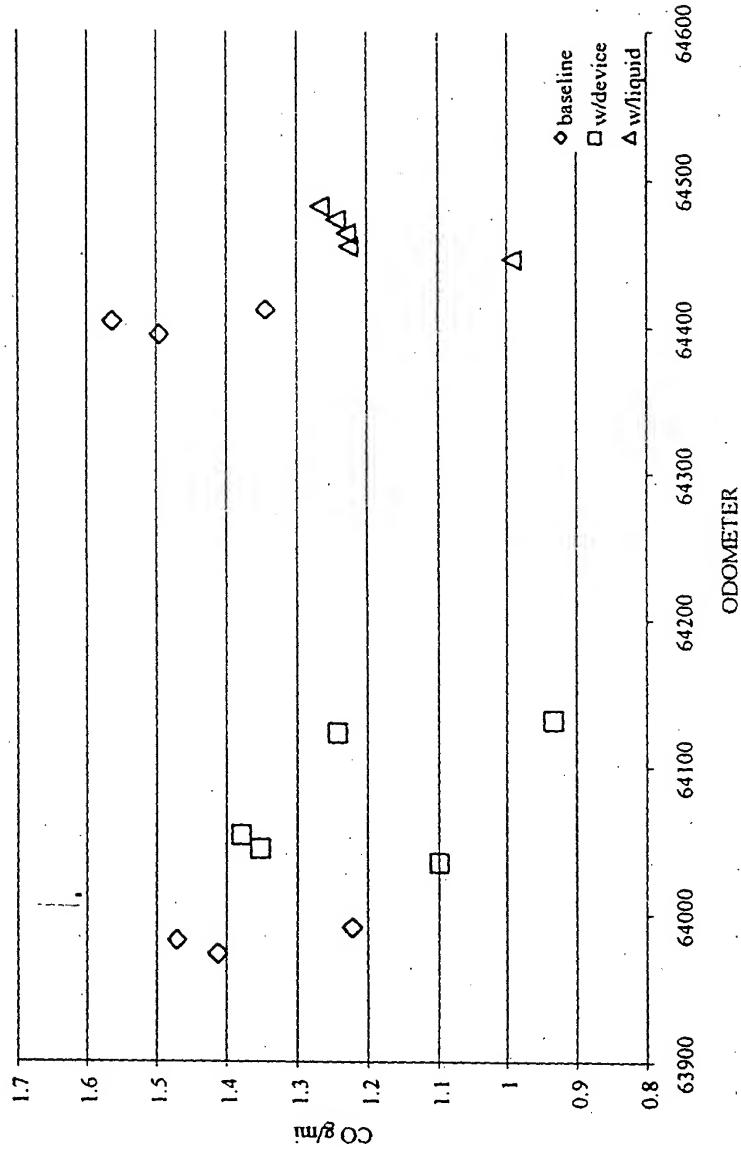


Figure 6: CO emissions as a function of odometer miles for a Ford Taurus

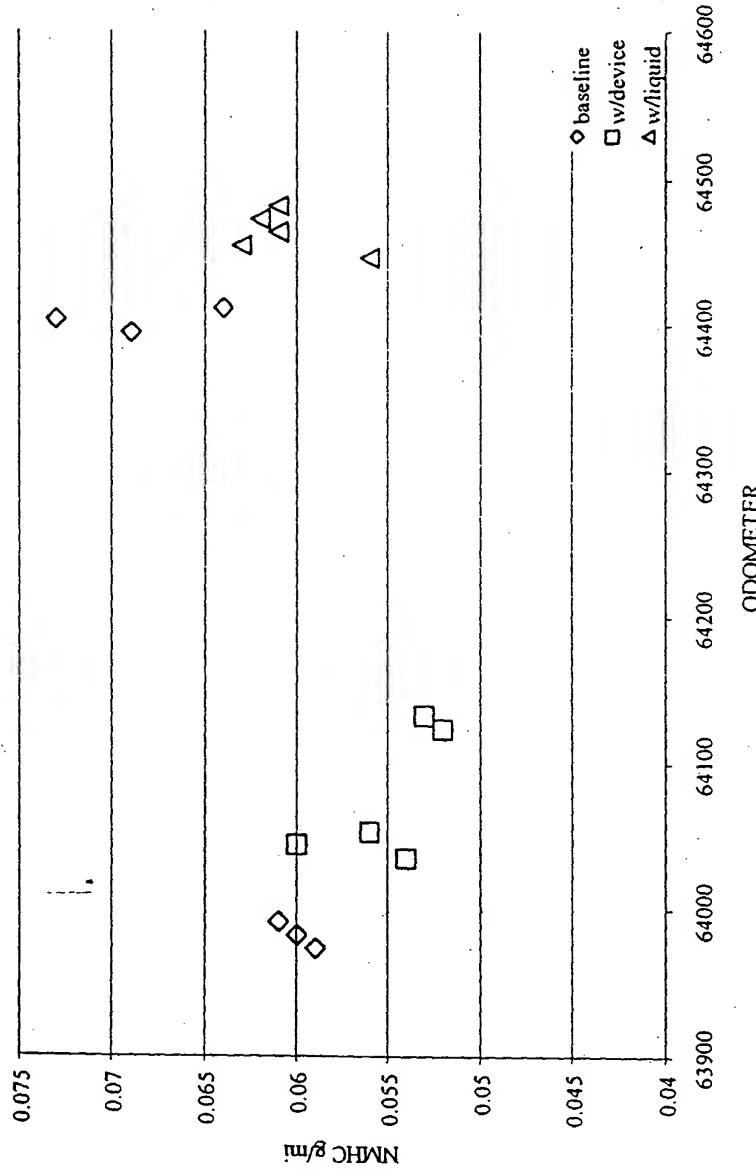


Figure 7: NMHC emissions as a function of odometer miles for a Ford Taurus

Figure 8: CO<sub>2</sub> Emissions

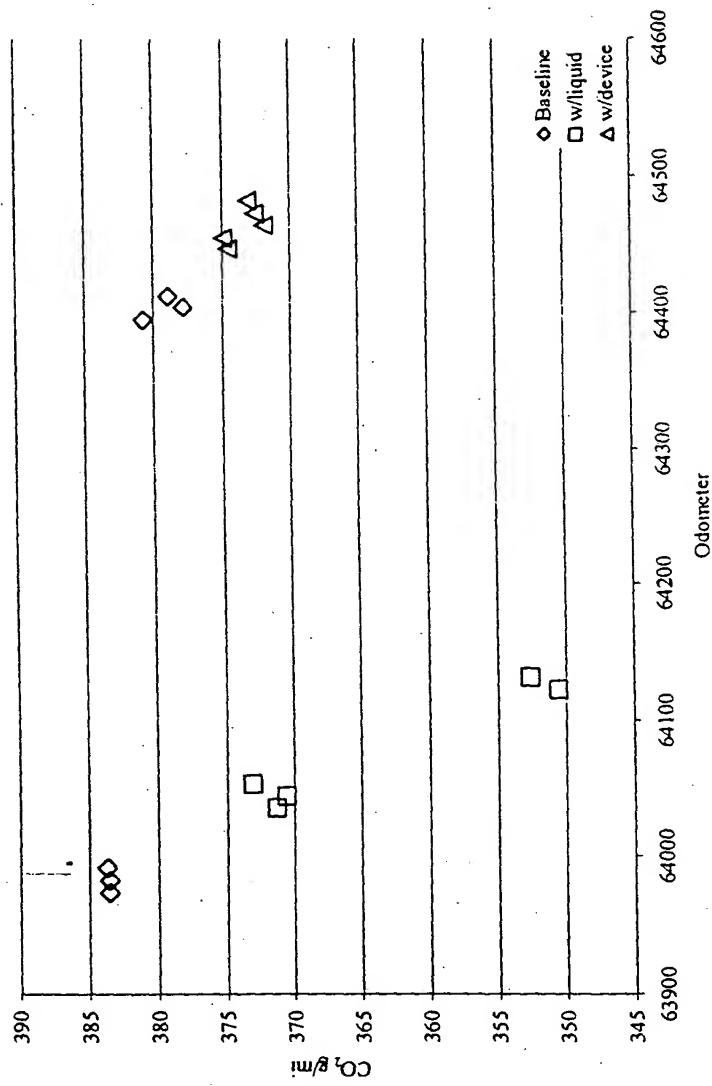


Figure 8: CO<sub>2</sub> emissions as a function of odometer miles for a Ford Taurus

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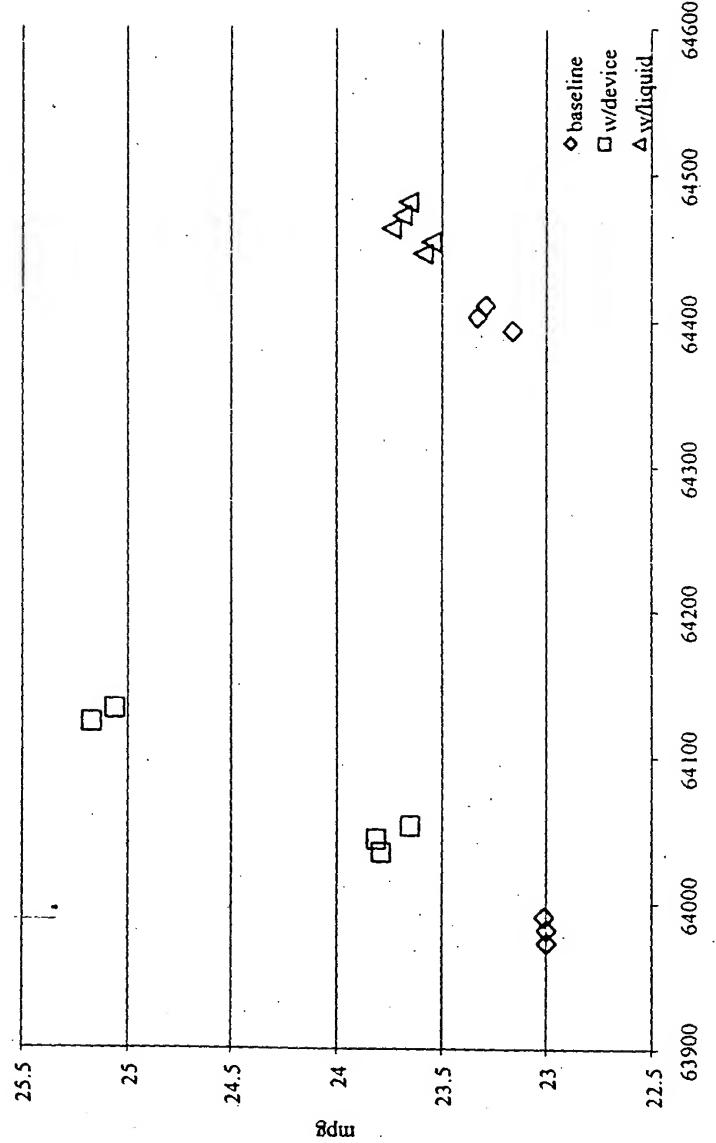


Figure 9: MPG fuel economy as a function of odometer miles for a Ford Taurus

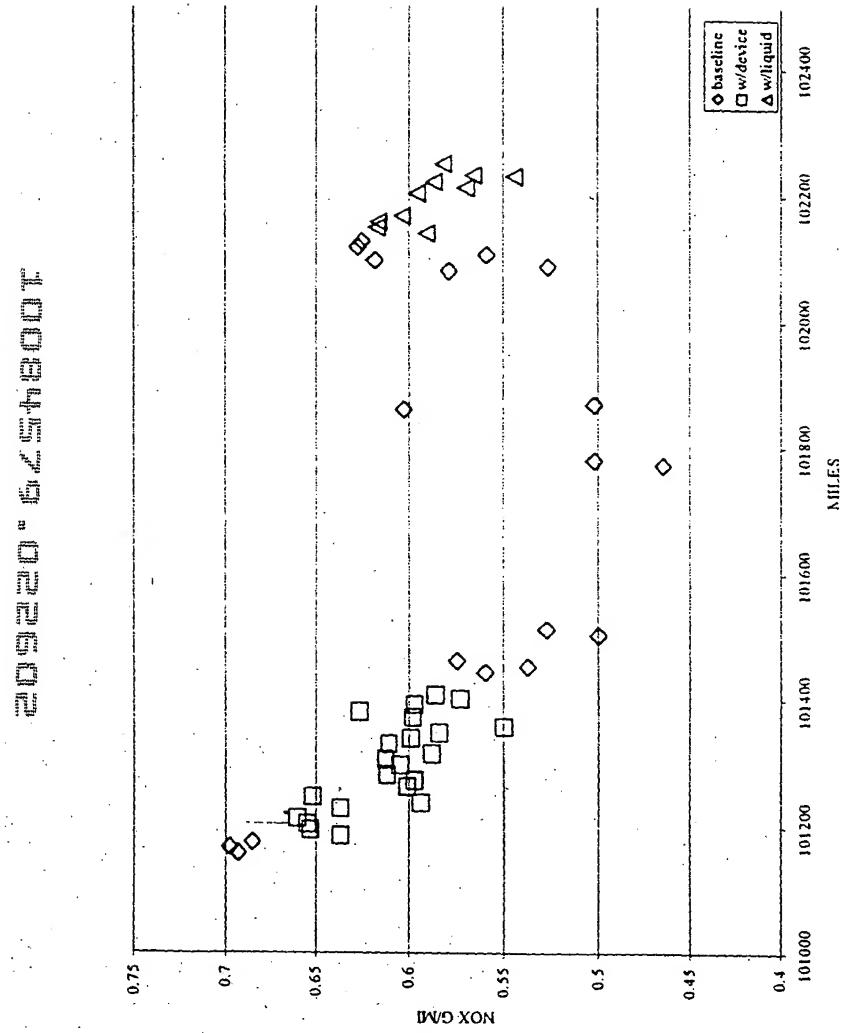


Figure 10:  $\text{NO}_x$  emissions as a function of odometer miles for a Honda Accord

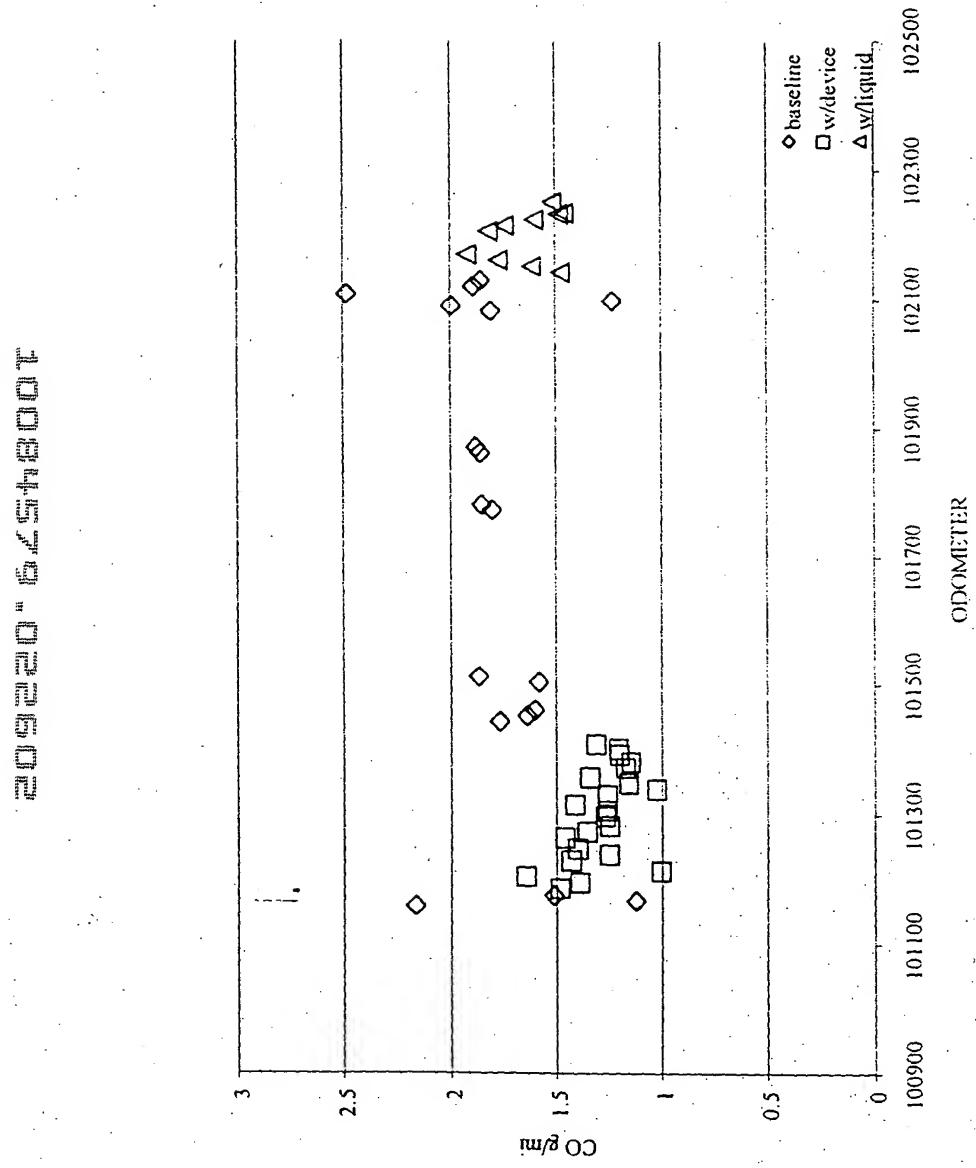


Figure 11: CO emissions as a function of odometer miles for a Honda Accord

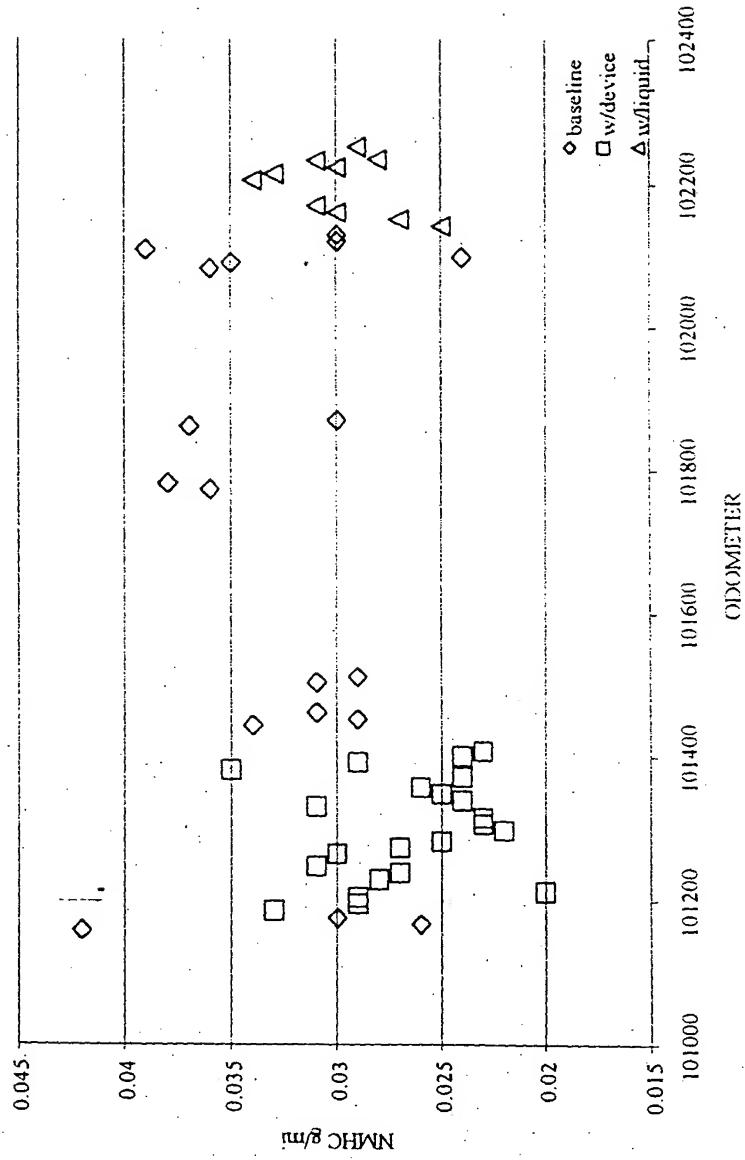


Figure 12: NMHC emissions as a function of odometer miles for a Honda Accord

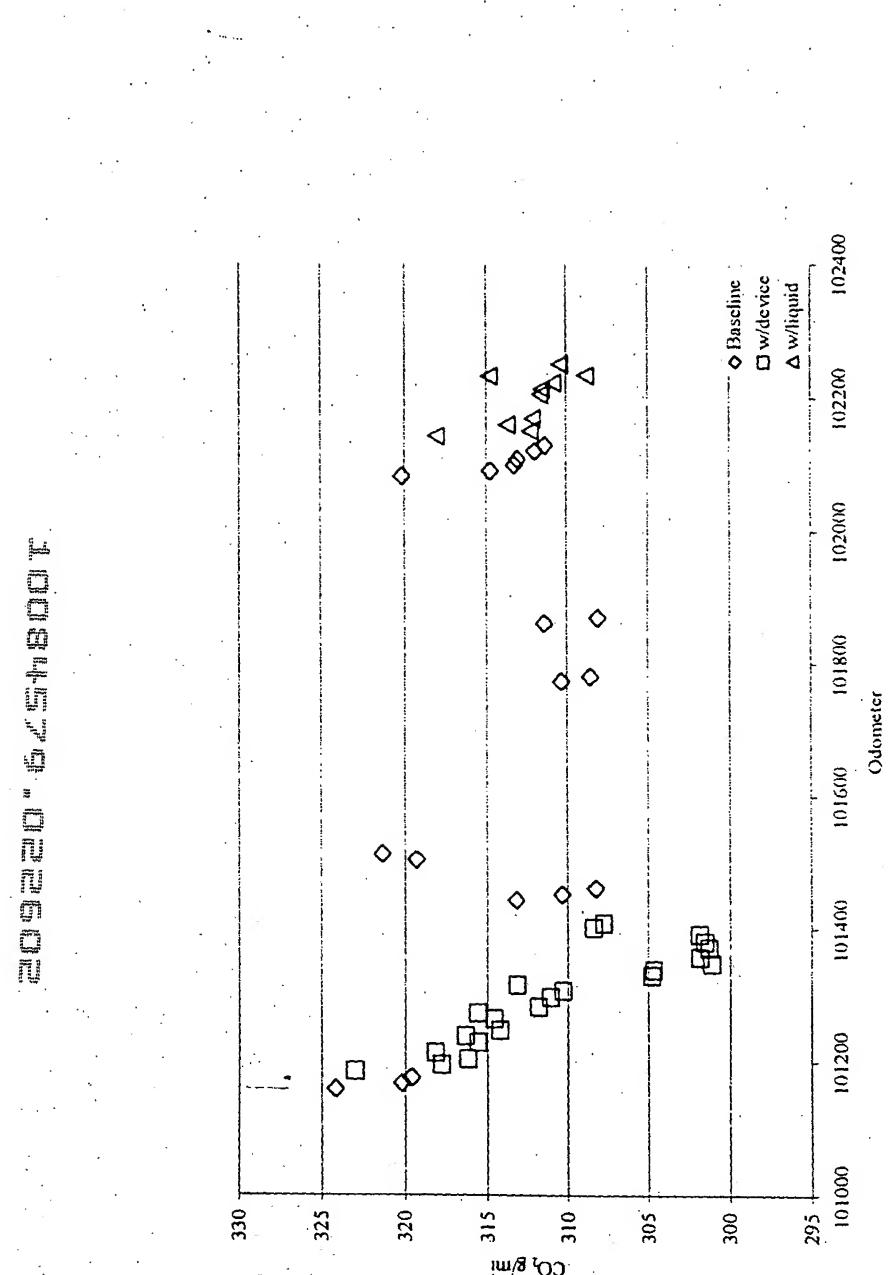


Figure 13: CO<sub>2</sub> emissions as a function of odometer miles for a Honda Accord

20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100

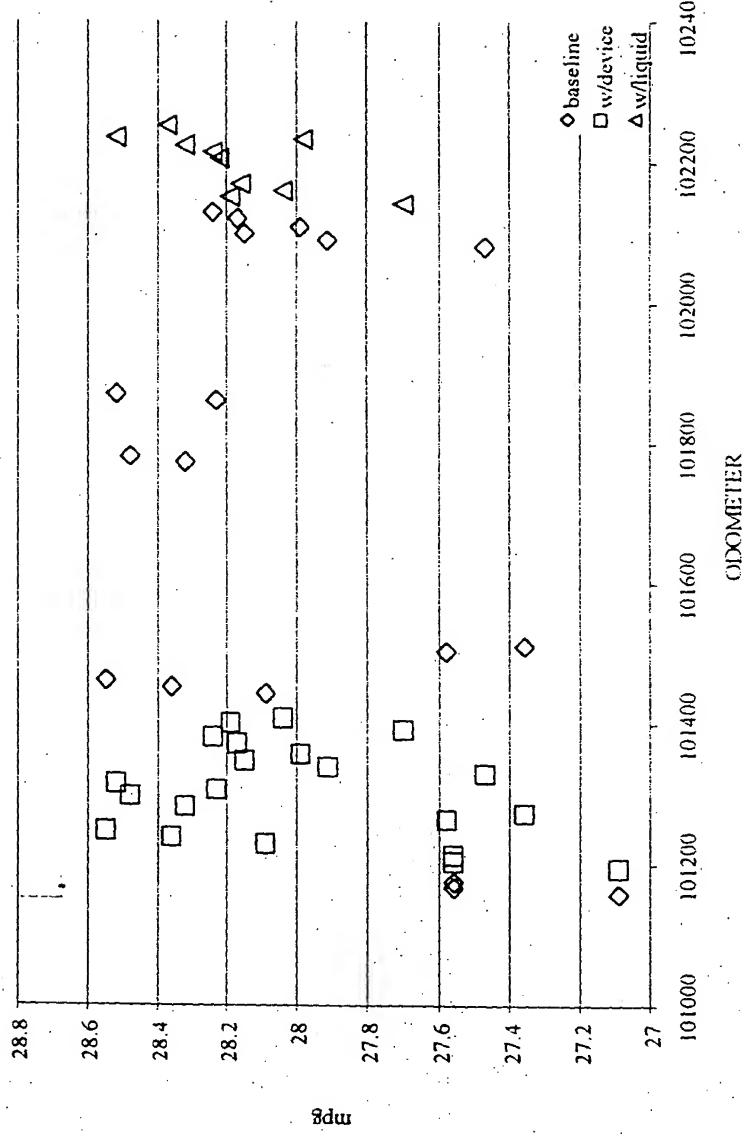


Figure 14: MPG fuel economy as a function of odometer miles for a Honda Accord

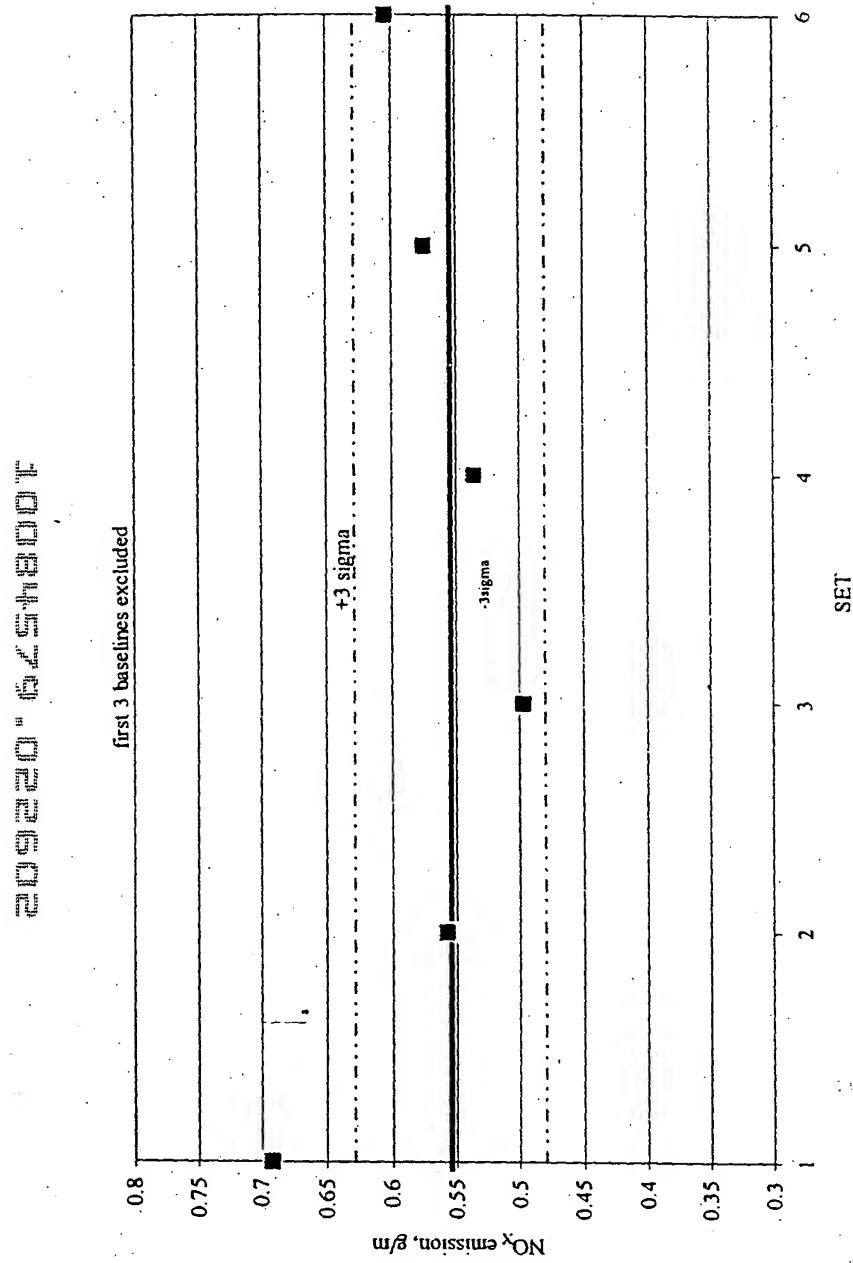


Figure 15: Shewhart Control Plot for  $\text{NO}_x$  in the Honda Accord with the first three baselines excluded

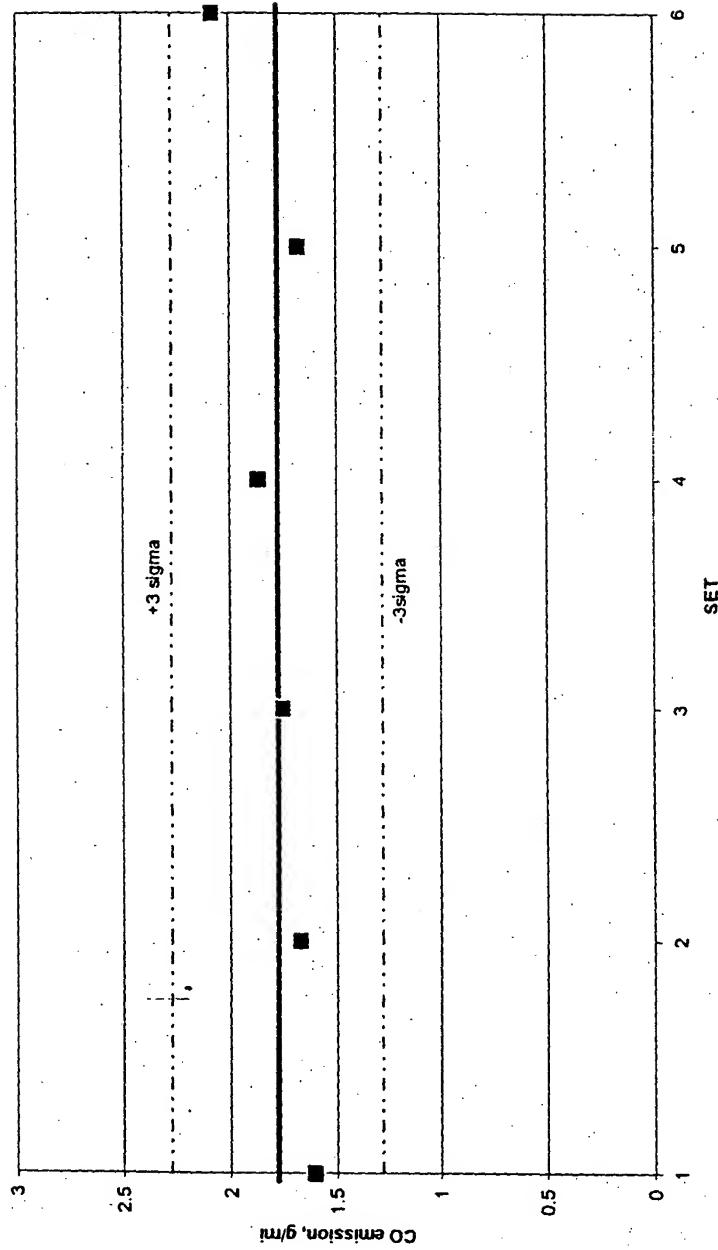


Figure 16: Shewhart Control Plot for CO in the Honda Accord with the first three baselines excluded

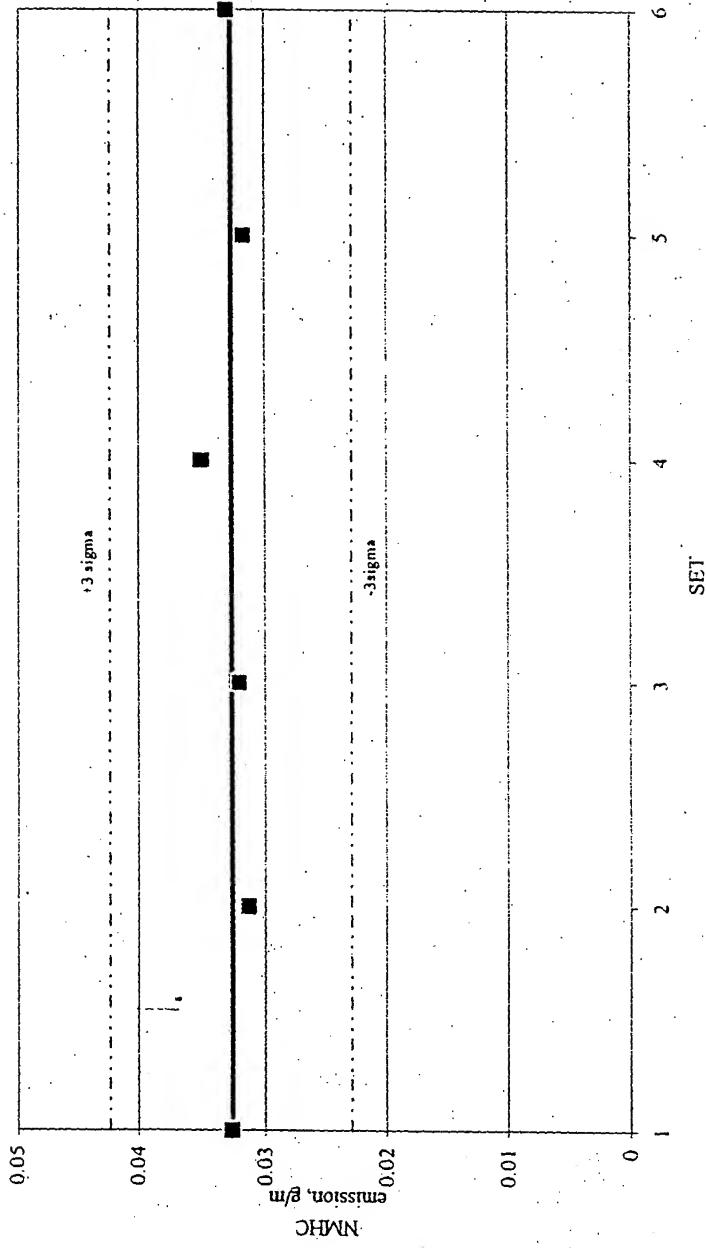


Figure 17: Shewhart Control Plot for NMHC in the Honda Accord with the first three baselines excluded

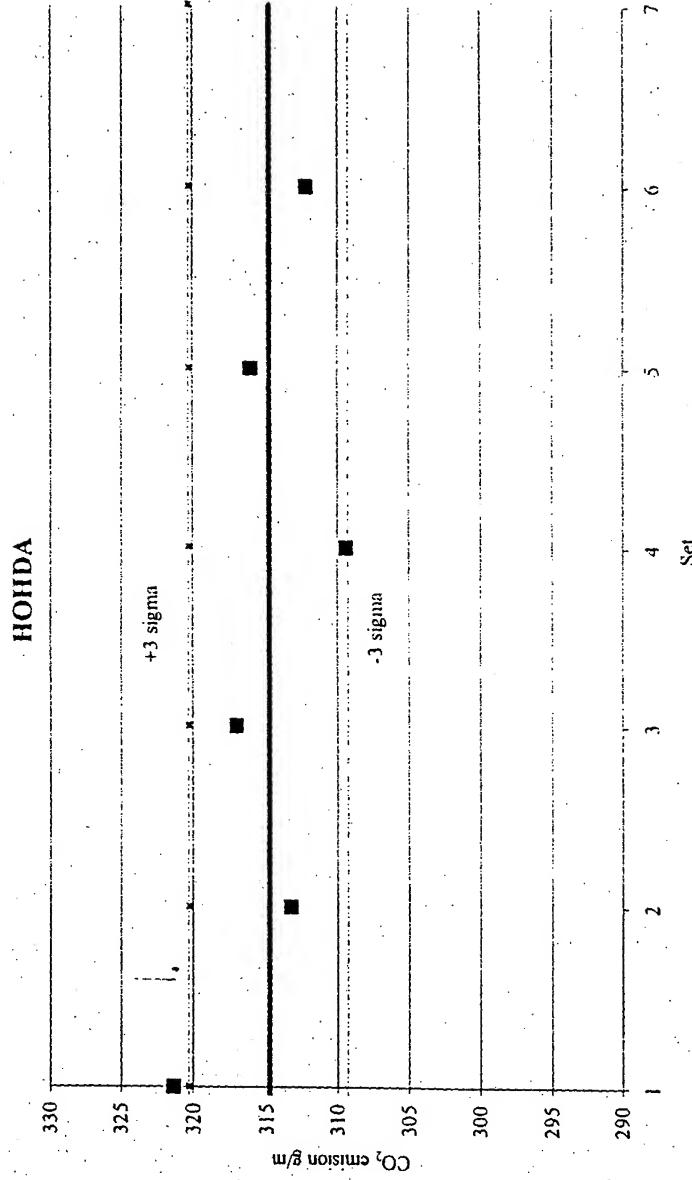


Figure 18: Shewhart Control Plot for CO<sub>2</sub> in the Honda Accord with the first three baselines excluded

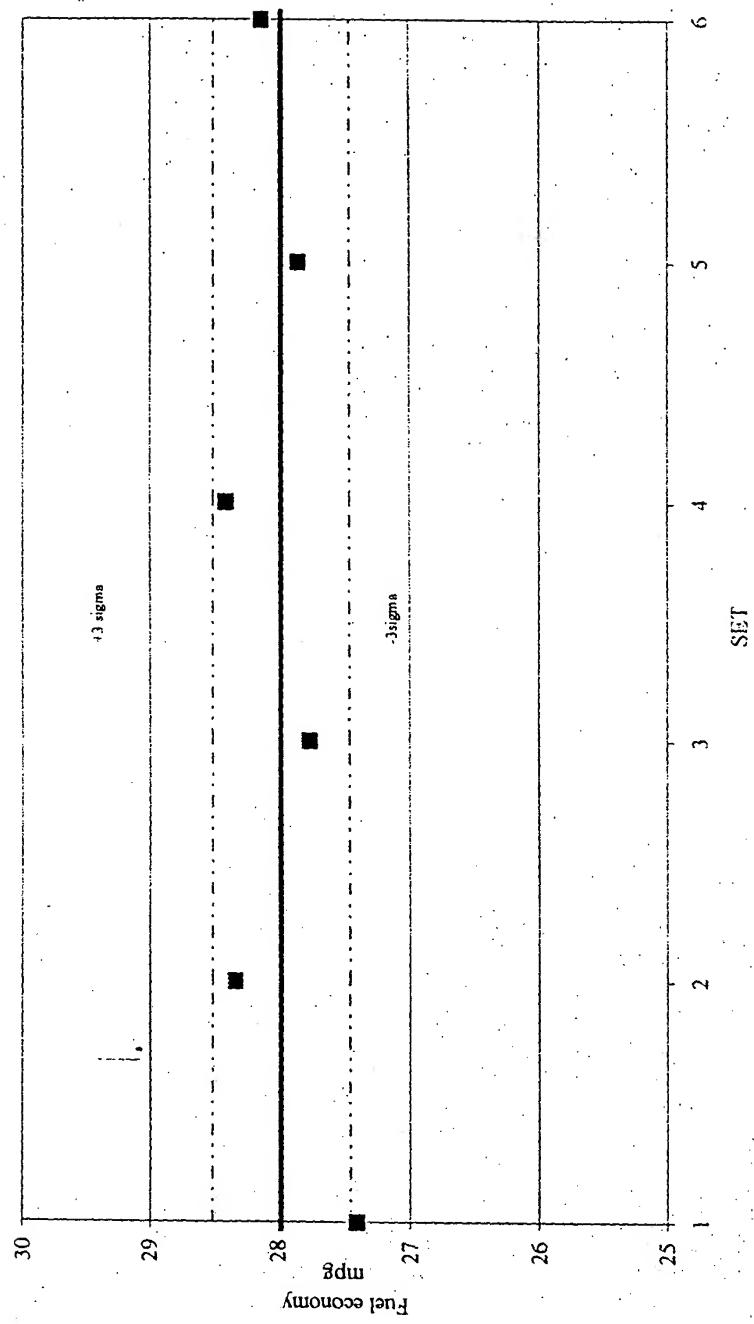
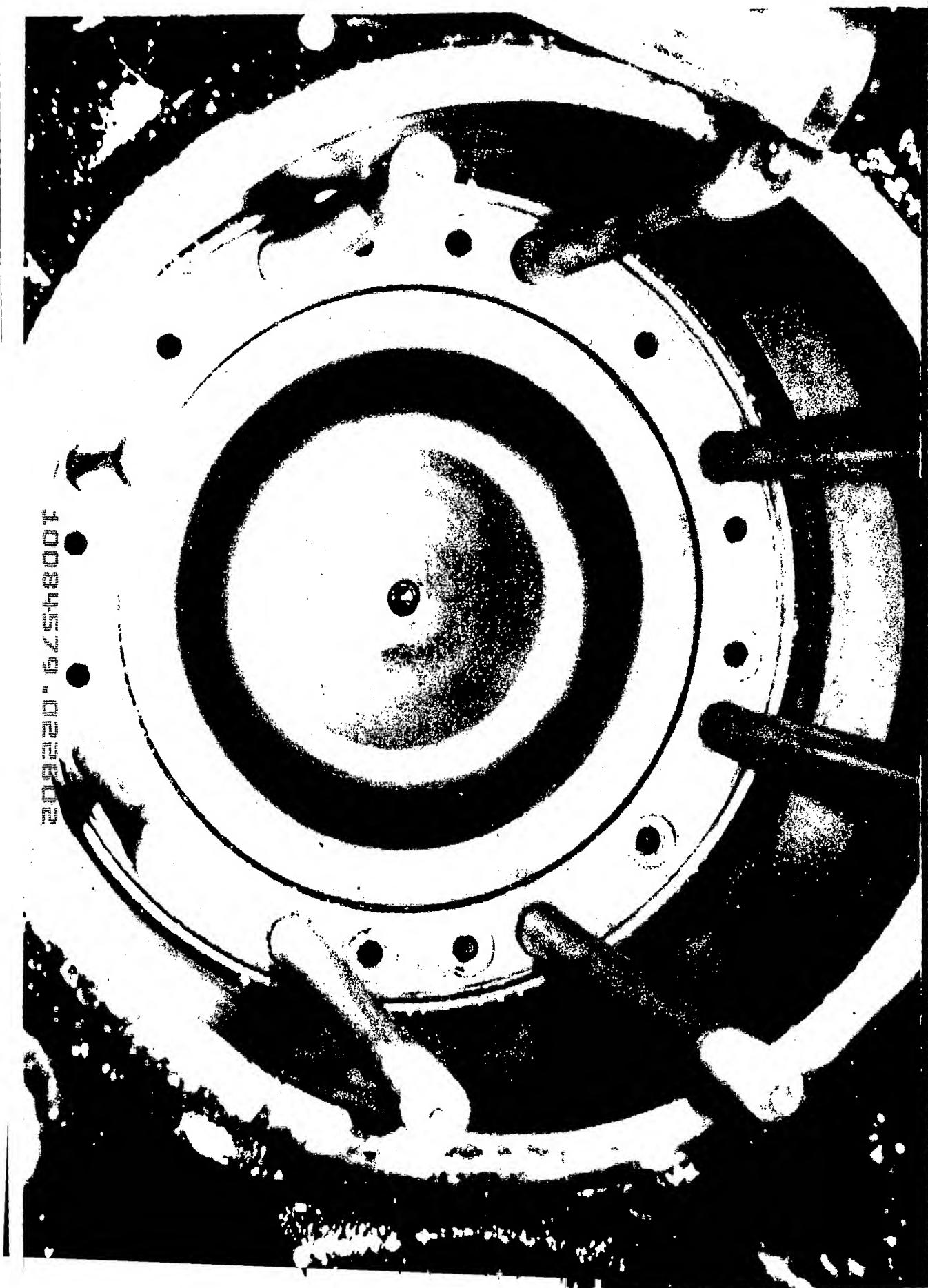
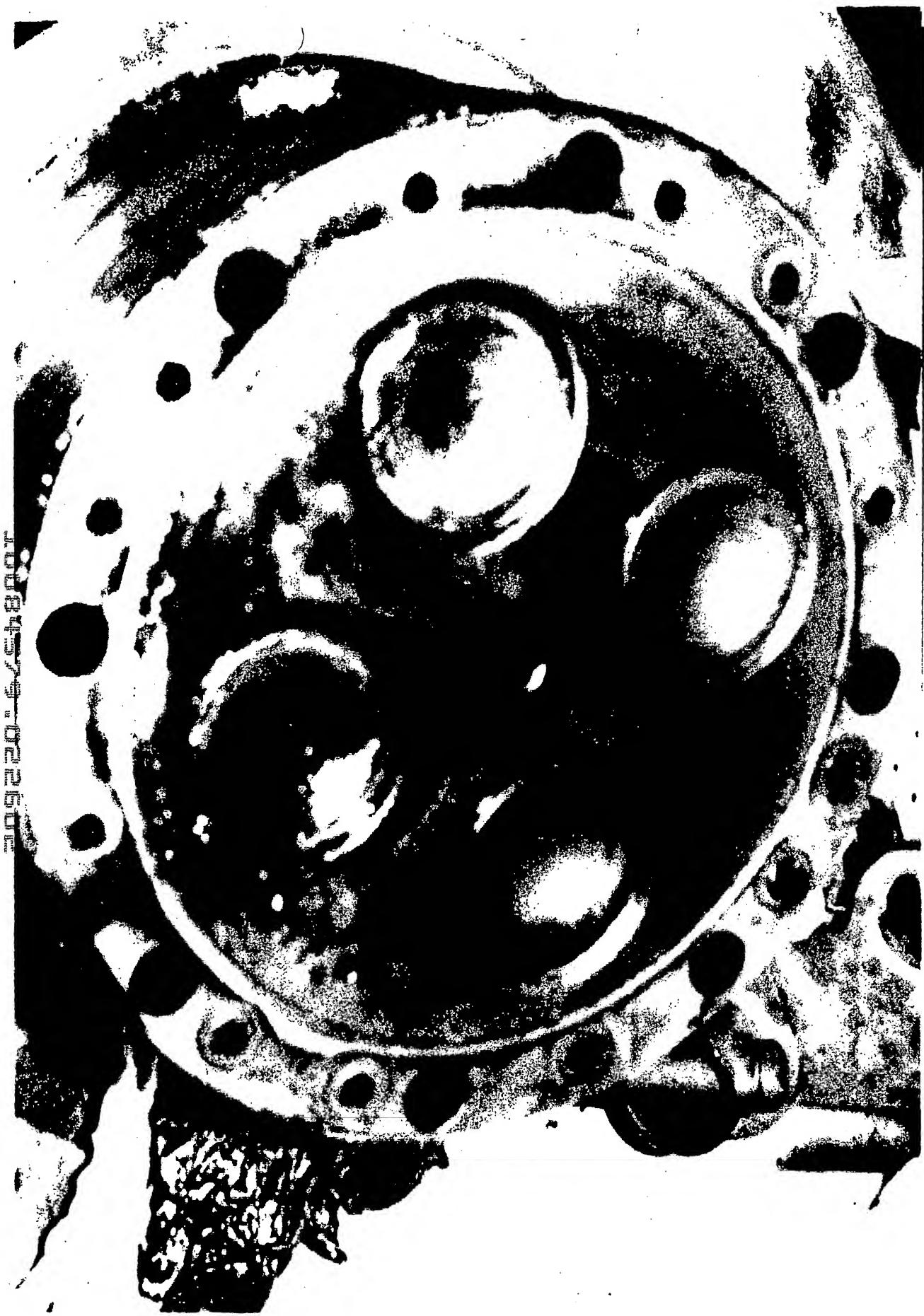


Figure 19 : Shewhart Control Plot for mpg fuel economy in the Honda Accord with the first three baselines excluded



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